

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3159	375/316.ccls. or 375/335.ccls. or 375/339.ccls. or 375/344.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 18:52
S2	23393	frequency near separat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 18:53
S3	12050	frequency separat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 18:53
S4	874	(frequency adj separat\$4) with (convert\$3 or chang\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 18:54
S5	21	(frequency adj separat\$4) with (convert\$3 or chang\$3) with stage\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 19:01
S6	42	(frequency near separat\$4) with (convert\$3 or chang\$3) with stage\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 19:29
S7	22	(frequency near separat\$4) with (convert\$3 or chang\$3) with complex\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 19:03
S8	7	((frequency near separat\$4) with (convert\$3 or chang\$3) with stage\$2) and (complex and bandwidth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/01 19:30

S9	1757	(frequenc\$3 near (convert\$3 or chang\$3 or shift\$3)) same ((plural\$4 or multipl\$3 or number\$3) near (stage\$2 or branch\$2 or phase\$2 or level))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 11:20
S10	2	(frequenc\$3 near (convert\$3 or chang\$3 or shift\$3)) same ((plural\$4 or multipl\$3 or number\$3) near (stage\$2 or branch\$2 or phase\$2 or level)) and ((input near bandwidth) same (output near bandwidth))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 11:24
S11	20	(frequenc\$3 near (convert\$3 or chang\$3 or shift\$3)) same ((plural\$4 or multipl\$3 or number\$3) near (stage\$2 or branch\$2 or phase\$2 or level)) and ((input near bandwidth))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 11:27
S12	1	(frequenc\$3 near (convert\$3 or chang\$3)) same ((plural\$4 or multipl\$3 or number\$3) near (stage\$2 or branch\$2 or phase\$2 or level)) and ((input adj bandwidth)) and ((up convert\$3) or (upconvert \$2) or (up-convert\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 11:31
S13	2	us-6215828-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/02 16:26
S14	2	US-0165692-\$.DID. OR WO-1168646-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/02 16:28
S15	0	wo-0165692-\$.DID. OR ep-1168646-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/02 16:28
S16	72228	frequency near (separat\$3 or shift\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 18:23
S17	4624	(frequency near (separat\$3 or shift\$3)) with convert\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 18:24

S18	146	((frequency near (separat\$3 or shift\$3)) with convert\$3 with bandwidth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 18:24
S19	132	((frequency near (separat\$3 or shift\$3)) with convert\$3 with bandwidth) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 09:31
S20	19	((frequency near (separat\$3 or shift\$3 or convert\$3) near (stage or block or step or element)) with convert\$3 with bandwidth) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/07 18:53
S21	19	((frequency near (separat\$3 or shift\$3 or convert\$3) near (stage or block or step or element or level)) with convert\$3 with bandwidth) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 09:15
S22	19	((frequency near (separat\$3 or shift\$3 or convert\$3) near (stage or block or step or element or level or level)) with convert\$3 with bandwidth) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 09:18
S23	103	((frequency near (separat\$3 or shift\$3 or chang\$3)) with convert\$3) same ((up convert \$3) and (down convert\$3))) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 12:50

S24	76	((frequency near (separat\$3 or shift\$3 or chang\$3)) with convert\$3) same ((up convert \$3) same (down convert \$3)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 10:09
S25	6	((frequency near (separat\$3 or shift\$3 or chang\$3)) with convert\$3) same ((up convert \$3) and (down convert\$3)) and (bandwidth with (contiguous or touch\$3 or adjacent)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 12:54
S26	0	((frequency near (separat\$3 or shift\$3 or chang\$3)) with convert\$3) same ((up convert \$3) and (down convert\$3)) and (bandwidth with ((non contiguous) or (no\$2 touch \$3) or (no\$2 adjacent))) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 12:57
S27	4	((frequency near (separat\$3 or shift\$3 or chang\$3)) with convert\$3) and (bandwidth with ((non contiguous) or (no \$2 touch\$3) or (no\$2 adjacent))) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 13:43
S28	4	((frequency near (separat\$3 or shift\$3 or chang\$3)) with convert\$3) and (bandwidth with ((no\$2 contiguous) or (no\$2 touch\$3) or (no\$2 adjacent))) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 13:36

S29	60	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) and (bandwidth with ((non contiguous) or (no\$2 touch\$3) or (no\$2 adjacent))) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 14:32
S30	6	((frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) same (bandwidth with ((non contiguous) or (no\$2 touch\$3) or (no\$2 adjacent))) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 13:46
S31	202	((frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) and (extract near carrier)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 14:31
S32	1	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) and (bandwidth with ((non contiguous) or (no\$2 touch\$3) or (no\$2 adjacent)) with carrier) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 14:36
S33	2	(bandwidth with ((non contiguous) or (no\$2 touch\$3) or (no\$2 adjacent)) with carrier) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 14:35
S34	2	(bandwidth with ((non contiguous) or (no\$2 touch\$3) or (no\$2 adjacent)) same carrier) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 14:35

S35	960	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) and (target with carrier) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 14:37
S36	76	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) and (target near carrier) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 14:37
S37	40	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) and (target adj carrier) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 14:38
S38	0	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) and (extract target adj carrier) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 14:38
S39	532	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) and (extract\$3 near carrier) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 14:39
S40	618	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) and (extract\$3 adj2 carrier) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 15:17

S41	130	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) same (extract\$3 adj2 carrier) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 15:03
S42	43	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) same (fine tun\$3 with carrier) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 15:04
S43	33	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3)) and (extract\$3 adj2 carrier) and (fine tun\$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 15:29
S44	75	(frequency near (separat\$3 or shift\$3 or chang\$3 or convert\$3) near stage) and (fine tun\$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 15:30
S45	70	(frequency adj (separat\$3 or shift\$3 or chang\$3 or convert\$3) near stage) and (fine tun\$3) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/08 15:30
S46	10	(frequency near (conver\$4 or shift\$3)) same (advantage with (fine adj tun\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/13 12:12
S47	112	(tuneable with frequency with (shift\$3 or convert\$3 or chang\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/22 12:31

S48	82	(tuneable with frequency with (shift\$3 or convert\$3 or chang\$3)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/22 12:32
S49	6	(tuneable with frequency with (shift\$3 or convert\$3 or chang\$3)) and (bandwidth with cent\$4) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/22 12:33
S50	1	(tuneable with frequency with (shift\$3 or convert\$3 or chang\$3 or separat\$3) with (step or stage)) and (frequenc\$3 with (center\$2 or centr\$2 or cent\$4)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/22 13:12
S51	7	(tuneable with frequency with (shift\$3 or convert\$3 or chang\$3 or separat\$3) with (step or stage)) and (@pd<"20020704" or @ad<"20020704" or @prad<"20020704" or @rlad<"20020704")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/22 13:13
S52	170	lillington	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/22 13:38
S53	5	lillington near john	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/22 13:38
S54	2	US-6177845-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 15:43



S55	1	10/520160	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/03 15:47
S56	2	09/774673	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/15 11:45
S57	37	(stage near separat\$4 near frequenc\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 18:01
S58	5634	(complex with frequency with (shift\$3 or convert\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 18:34
S59	57	S58 and (bandwidth with upper with lower)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/16 18:35

9/ 17/ 2008 4:18:14 PM

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